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54 **Method and apparatus for making a harness.**

57 A cable-making apparatus comprises a conductor-positioning device (110) to which an electrical cable (10) is affixed and exposed ends of electrical conductors (13) of the cable (10) are positioned in spaces (112) of a first comb member (110a), a conductor-moving member (141) moves the conductors (13) from the first comb member (110a) into spaces (132) of a second comb member (130) so that the conductors (13) are aligned with termination sections (21a) of electrical contacts (21) of an electrical connector (20) positioned in a connector-retaining member (150) adjacent the second comb member (130), and a cutting and stuffer member the conductors (13) and stuffs them into the termination sections (21a) of the contacts (21) thereby effecting electrical connections between the conductors and the contacts whereafter the cable and connector terminated thereto are removed from the conductor-positioning device (110).

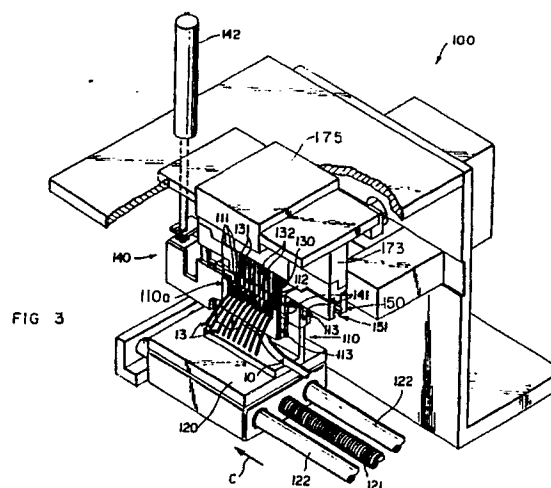
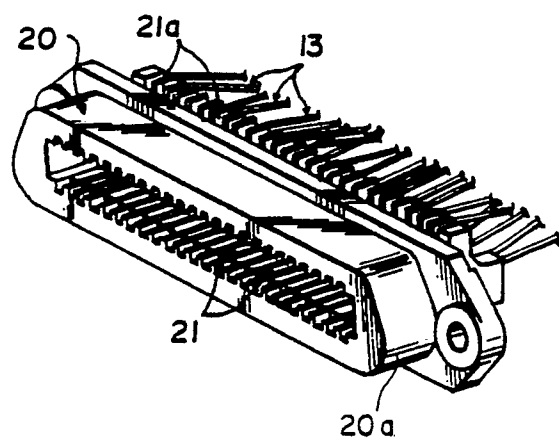


FIG. 6A





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| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int. Cl.4) |
| A | FR-A-2272507 (AMP) * page 1, lines 17 - 21; figures 1-9 * --- | 1, 6 | H01R43/01 |
| A | FR-A-2138962 (AMP) * page 5, lines 22 - 28; figures 1-3 * ----- | 1 | |
| | | | TECHNICAL FIELDS SEARCHED (Int. Cl.4) |
| | | | H01R H01B |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 05 JUNE 1990 | Examiner CERIBELLA G. |
| CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document | | | |